

We claim:

- Sub A1
1. A method for enhancing insulation materials without increasing the weight, thickness or density of said materials, which comprises adding to said materials an amount, effective for the purpose, of a metal-coated material.
  2. The method as recited in claim 1 wherein said insulation materials are fiberglass.
  3. The method as recited in claim 1 wherein said insulation materials are selected from the group consisting of fiberfill, ceramic and cellulosic materials.
  - Sub A2  
4. The method as recited in claim 1 wherein said metal-coated material is included as a single layer or multiple layers.
  5. The method as recited in claim 4 wherein said metal-coated material is applied on the surface or in the middle of said insulation materials.
  6. The method as recited in claim 5 wherein said insulation materials are non-woven or extruded insulation materials.
  7. The method as recited in claim 1, wherein said metal-coated material comprises silver.

8. The method as recited in claim 1, wherein said metal-coated material includes gold, nickel, copper, or aluminum.

9. The method as recited in claim 1, wherein said metal-coated material is knit or woven with other yarns.

10. The method as recited in claim 9, wherein said yarns are selected from the group consisting of polyester, polypropylene, nylon, cotton and acrylic materials.

11. A method for enhancing insulation materials without increasing the weight, thickness or density of said materials, which comprises adding to a fabric that is attached to the insulation materials an amount, effective for the purpose, of a metal-coated material.

12. The method as recited in claim 11 wherein said metal-coated material reflects electromagnetic radiation.

13. The method as recited in claim 11 wherein said metal-coated material reduces electrostatic charges.

14. The method as recited in claim 11 wherein said metal-coated material has antimicrobial properties.